INTERNATIONAL SEARCH REPORT

Intermional Application No PC171B2004/052423

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B20/12 G11B20/18									
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS	SEARCHED	•							
Minimum documentation searched (classification system followed by classification symbols) IPC 7 G11B									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
Electronic d	lata base consulted during the international search (name of data bas	se and, where practical, search terms used							
EPO-Internal, WPI Data									
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.						
А	WO 02/086729 A (KONINKL PHILIPS ELECTRONICS NV) 31 October 2002 (2002-10-31) page 1, line 14 - page 6, line 31	1–18							
A	WO 01/22416 A (KONINKL PHILIPS EL NV) 29 March 2001 (2001-03-29) cited in the application page 5, line 13 - page 7, line 12 figures	1–18							
A	US 2003/026186 A1 (MIMURA HIDEKI 6 February 2003 (2003-02-06) paragraph '0008! - paragraph '001 paragraph '0046! - paragraph '006 paragraph '0097! - paragraph '013	1-18							
Further documents are listed in the continuation of box C. Patent family members are listed in annex.									
* Special categories of cited documents : "T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the priority explanation but directly understand the priority explanation but of the cited to understand the priority explanation.									
Considered to be of particular relevance "E" earlier document but published on or after the international filling date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to									
which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified)	twotve an inventive step when the document is taken alone Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the							
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later ti	han the priority date claimed	*&" document member of the same patent family							
Date of the actual completion of the international search 18 February 2005 01/03/2005									
	8 February 2005								
Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Aljswijk	Authorized officer							
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phrormation on patent family members

Interior and Application No PCT/IB2004/052423

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 02086729	A	31-10-2002	EP	1402529 A2	31-03-2004
			WO	02086729 A2	31-10-2002
			JP	2004526385 T	26-08-2004
			US	2002159369 A1	31-10-2002
WO 0122416	Α	29-03-2001	AU	7518400 A	24-04-2001
			BR	0007168 A	31-07-2001
			CA	2351502 A1	29-03-2001
			CN	1338102 T	27-02-2002
			CZ	20011795 A3	16-01-2002
			WO	0122416 A1	29-03-2001
			ΕP	1141956 A1	10-10-2001
			HU	0104869 A2	28-03-2002
			JP	2003510742 T	18-03-2003
			PL	347801 A1	22-04-2002
			TW	518573 B	21-01-2003
			US	2003210627 A1	13-11-2003
			US	6606285 B1	12-08-2003
US 2003026186	A1	06-02-2003	JP	2003114817 A	18-04-2003